



Highlights

YEAR:

2007 - 2008

PROJECT:

Sohar Aluminum Smelter

DESCRIPTION:

Sohar Aluminum Smelter features the world's largest, most technically advanced potline. The \$2,2 billion project, including the smelter, desalination and power plants, was completed on time and within budget, producing its first hot metal in June 2008. With 360 pots, the Greenfield aluminum smelter will be able to produce up to 386,000 tons of aluminum annually. In addition to the enormous potline, the project included construction of a carbon plant, a metal casting facility, and port facilities for storage and shipping.

Bechtel contributed to the success of the smelter through its global reach, expertise on large projects, and leadership in the aluminum industry. While Bechtel works for governments and commercial customers, its projects have helped grow local economies and improve the quality of life for communities and people. In line with its ambition, the "Omanization" program entailed training of local workers. The San Francisco based company trained nearly 750 Omanis to work as electricians, carpenters, and other skilled laborers.

Sigma provided paint solutions to the most challenging paint jobs, such as heat resistance for boilers, chimneys and other structures.

OWNER:

1. Oman Oil Co. (OOC), 40%
2. Abu Dhabi Water & Electricity Authority (Adwea), 40% Alcan Inc.
3. Canada, 20%

LOCATION / COUNTRY:

Sohar - Oman

SIZE (Sqm):

11,000 m²

CONTRACTOR:

Bechtel Corp.

CONSULTING FIRM:

Bechtel Corp.

COATING SYSTEM:

Pipes: 7558 Sigmazinc 158 - 7684 Sigmacap MIO - 7524 Sigmadur 520

Heat Resistant Facilities: 7558 Sigmazinc 158 - 7564 Sigmatherm 540

